



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

GR/1647
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In re application of: Goodman et al.

Serial No. 08/971,172

Filed: November 14, 1997

For: *Robo: A Novel Family of
Polypeptides and Nucleic Acids*

Group Art Unit: 1647

Examiner: Turner, S.

TECH CENTER 1600/2900

Attorney Docket No. B98-006-2

CERTIFICATE OF MAILING

I hereby certify that this corr. is being deposited with the US Postal Service as First Class Mail in an envelope addressed to the Comm. for Patents, Washington, D.C. 20231 on July 13, 2001.

Signed


Richard OsmanRESPONSE

The Commissioner for Patents
Washington, DC 20231

Dear Examiner Turner:

Thank you for the Office Action dated March 27, 2001. Please enter these amendments:

IN THE SPECIFICATION

Please replace the Sequence Listing (p.40-73 of the Substitute Specification) with the enclosed 26 page Sequence Listing and renumber the pages accordingly.

Please replace the last paragraph on p.4 of the Substitute Specification with the following paragraph:

Table 1. Sequence Alignment of Robo Family Members: The complete amino acid alignment of the predicted Robo proteins encoded by *drosophila robo 1* (D1, SEQ ID NO:2) and Human *robo 1* (H1, SEQ ID NO:8) are shown. The extracellular domain of *C.elegans robo* (CE)(SEQ ID NO:13); Sax-3; Zallen et al., 1997), the extracellular domain of *Drosophila robo 2* (D2)(SEQ ID NO:4, residues 1-942), and partial sequence of Human *robo 2* (H2)(SEQ ID NO:10, residues 1-284) are also aligned. The D2 sequence was predicted by the gene-finder program Grail. The position of immunoglobulin domains (Ig), fibronectin domains (FN), the transmembrane domain